

IE5254

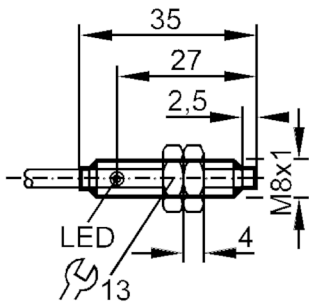


Inductive sensor

IEB3001,5ANOG

Article no longer available - archive entry

Alternative articles: IE5313
When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Electrical design	NPN
Output function	normally open
Sensing range [mm]	1.5
Housing	threaded type
Dimensions [mm]	M8 x 1

Electrical data

Operating voltage [V]	10...36 DC
Current consumption [mA]	10; (24 V)
Reverse polarity protection	no

Outputs

Electrical design	NPN
Output function	normally open
Max. voltage drop switching output DC [V]	1
Permanent current rating of switching output DC [mA]	200
Switching frequency DC [Hz]	2000
Short-circuit protection	no
Overload protection	no

Detection zone

Sensing range [mm]	1.5
Real sensing range Sr [mm]	1.5 ± 10 %

IE5254



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Operating distance	[mm]	0...1.22
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Accuracy / deviations

Correction factor		steel: 1 / stainless steel: 0.7 / brass: 0.4 / aluminium: 0.4 / copper: 0.3
Hysteresis	[% of Sr]	3...15
Switch point drift	[% of Sr]	-10...10

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 67

Mechanical data

Housing		threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M8 x 1
Thread designation		M8 x 1
Materials		brass nickel-plated; PBT

Displays / operating elements

Display	switching status	1 x LED, yellow
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Accessories

Items supplied		lock nuts: 2
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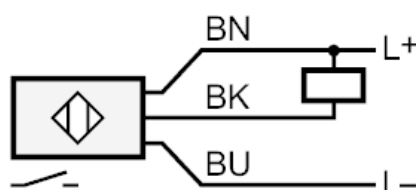
Remarks

Pack quantity		1 pcs.
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Electrical connection

Cable: 2 m, PVC; 3 x 0.14 mm²

Connection



	Core colours :
BK =	black
BN =	brown
BU =	blue